

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	§	
Bruno Thedrez	§	
	§	Group Art Unit: 2828
Serial No.: 10/520,837	§	
	§	
Confirmation No.: 2444	§	Examiner: Armando Rodriguez
	§	
Filed: January 7, 2005	§	
	§	Customer No. 47389
For: DFB LASER WITH A	§	
DISTRIBUTED	§	
REFLECTOR AND	§	
PHOTONIC BAND GAP	§	

MAIL STOP AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**RESPONSE TO OFFICE ACTION DATED OCTOBER 25, 2006**

In response to the Office Action dated October 25, 2006, having a shortened statutory period for response set to expire on January 25, 2007, please enter this response and reconsider the claims pending in the application for reasons discussed below. Although Applicant believes that no additional fees are due in connection with this response, the Commissioner is hereby authorized to charge counsel's Deposit Account No. 20-0782/AVAN/000632/WCG for any fees, including extension of time fees or excess claim fees, required to make this response timely and acceptable to the Office.

**Amendments to the Specification** begin on page 2 of this paper. **Amendments to the Claims** are reflected in the listing of claims which begins on page 3 of this paper.  
**Remarks/Arguments** begin on page 7 of this paper.